From:	Edwin Lopacki - WPIB
To:	Ron Allard - WPMABE
Cc:	Mark Stadsklev - WPRA; Marcus Witowski - WPRA; Danny Mapili - WPD-C; Philip Mudd; Terry Lamb Sr.
Subject:	Fwd: Comprehensive Energy Audit
Date:	Monday, May 09, 2016 10:34:05 AM
Attachments:	FERC Electrical usage 1996.-2014.pdf comprehensive lighting audit.docx expense receipts for #GS-11B-30168.pdf

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Ron - please see attached for your use.

---------- Forwarded message ----------
From: **Philip Mudd** <Philip.Mudd@ferc.gov>
Date: Thu, May 5, 2016 at 1:26 PM
Subject: Comprehensive Energy Audit
To: "tony.lopacki@gsa.gov" <tony.lopacki@gsa.gov>, "danny.mapili@gsa.gov" <danny.mapili@gsa.gov>, Joshua Hill <Joshua.Hill@ferc.gov>, "Terry Lamb Sr." <Terry.Lamb@ferc.gov>

Rough order of magnitude Comprehensive Lighting Audit approximately 6790 fixtures 320,000 sf ($4.44 per sf). **$72,000** ,

I figure it will take a bit under a month to do the survey and a month for a report from the electrical engineer. I don't have any estimate or information about finishing the investigation which requires comparing the existing lighting to the new lighting but Danny said today he will have lighting fixture types and quantities when the construction estimates come in. We will have to finish this SOW to include the final analysis showing energy reduction so that we have a document to support reduction in annual operating costs.

The lease required the lessor to provide expense receipts during the exercising of the 10 year option.

FERC hasn't received any energy consumption data from the Lessor since 2014.

Philip Mudd

Federal Energy Regulatory Commission

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202-502-6436 desk

202-641-6001 cell

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